

Solar Cycle 24 Behavior and Progress on FISM Version 2 Product

Solar cycle 24 has continued to increase in activity towards its peak expected in late 2013. The updated NOAA/SWPC solar cycle prediction as well as the outlook for solar activity during the MAVEN 1-Earth-year mission will be presented. Also presented will be a status update on the progress of the Flare Irradiance Spectral Model (FISM) version 2 product, which will be a deliverable for the MAVEN mission as it will provide the full solar spectrum from 0.1-190 nm at 0.1 nm spectral resolution and 1-minute temporal resolution based on the three EUV diodes from the MAVEN LPW/EUV instrument.